

SAMPLE SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLAN

INTRODUCTION

This sample Spill Prevention Control and Countermeasure Plan (SPCC) was developed to improve the understanding and assist WSDOT contractors with the requirements of a SPCC plan. We have “filled out” the SPCC plan with fictitious information related to activities of a construction site located in Washington.

The boldface print provides an outline of the information required by the WSDOT contract standard specifications. The regular text represents the example information associated with this fictitious SPCC Plan.

**SPCC PLAN FOR STATE ROUTE 2Q9T EAST CREEK
ROAD BRIDGE CONSTRUCTION AND REALIGNMENT**

EAST CREEK ROAD (MILE MARKER 27)

BIG MOUNTAIN, WASHINGTON

Prepared for

Washington State Department of Transportation

February 2002

Prepared by

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SPCC PLAN OUTLINE (WSDOT REQUIRED ELEMENTS)

- **1.A. - Site Information:** Identify general site information useful in construction planning, recognizing potential sources of spills, and identifying personnel responsible for managing and implementing the plan.
- **1.B. - Project Site Description:** Identify staging, storage, maintenance, and refueling areas and their relationship to drainage pathways, waterways, and other sensitive areas. Specifically address:
 - the Contractor's equipment maintenance, refueling, and cleaning activities.
 - the Contractor's on site storage areas for hazardous materials.
- **1.C. - Spill Prevention and Containment:** Identify spill prevention and containment methods to be used at each of the locations identified in B., above.
- **1.D. - Spill Response:** Outline spill response procedures including assessment of the hazard, securing spill response and personal protective equipment, containing and eliminating the spill source, and mitigation, removal and disposal of the material.
- **1.E. - Standby, On-Site Material and Equipment:** The plan shall identify the equipment and materials the Contractor will maintain on site to carry out the preventive and responsive measures for the items listed.
- **1.F. – Reporting:** The plan shall list all federal, state and local agency telephone numbers the Contractor must notify in the event of a spill.
- **1.G. - Program Management:** Identify site security measures, inspection procedures and personnel training procedures as they relate to spill prevention, containment, response, management and cleanup.
- **1.H. - Pre-existing Contamination:** If preexisting contamination in the project area is described elsewhere in the plans or specifications, the SPCC plan shall indicate measures the Contractor will take to conduct work without allowing release or further spreading of the materials.
- **2.A. – Attachment:** Site plan showing the locations identified in (1.B. and 1.C.) noted previously.
- **2.B. – Attachment:** Spill and Incident Report Forms, if any, that the Contractor will be using.

INTRODUCTION

This Spill Prevention Control and Countermeasure (SPCC) Plan has been prepared by AAA Road Construction, Inc. to satisfy Washington Department of Transportation (WSDOT) Standard Specification Section 1-07.15 contract requirements. This is a site-specific SPCC plan that outlines the project scope of work (including equipment, materials, and activities) and presents a comprehensive plan to prevent, respond to, and report spills or releases to the environment. The SPCC plan will be updated as project work progresses or site activities change. An updated copy of this SPCC plan will be maintained at the project site.

SITE INFORMATION

This SPCC plan was developed for the WSDOT SR 2Q9T (East Creek Road) project. AAA Road Construction, Inc. was contracted to build a four (4) lane concrete bridge (approximately a quarter mile in length over East Creek) and realign the East Creek Road.

General Site Information

The project site is located at mile marker 27 along East Creek, a tributary of the Sparkling River, near Big Mountain, Washington. The project consists of realigning SR 2Q9T by constructing a four (4) lane concrete bridge (approximately a quarter mile long) over East Creek and relocating East Creek Road to an alignment south of the Sparkling River.

The project site and adjacent properties are industrial. The majority of the project site surface is paved with asphalt with areas of gravel. All aboveground and underground utilities located within the project site boundaries will be identified prior to beginning work. A site map is provided in Attachment A.

Known soil and groundwater contamination exists at five (5) sites located along the proposed SR 2Q9T realignment. The five (5) sites are located within the former property boundary of a bulk terminal and tank farm facility that was dismantled in 1983. An environmental subcontractor to AAA Road Construction, Inc. will be conducting the investigation prior to the bridge pier and support construction. The investigation work will consist of collecting soil samples from test pits, soil borings, and groundwater.

Topography and Surface Water Flow

The project site is generally sloped toward East Creek and the Sparkling River (Attachment A). Surface water runoff from the site flows to a series of catch basins and dry wells. The catch basins and dry wells are part of the city of Big Mountain storm water drainage system and discharge to East Creek.

Groundwater Flow

The eastern portion of the project site is located on unconsolidated glaciofluvial deposits of the Sparkling-Prairie Aquifer. This is the primary aquifer in the region and is designated by the USEPA as a sole source aquifer. Based on WSDOT drilling logs in the project area, groundwater may be less than 15 feet below ground surface. Groundwater most likely flows south to southwest toward the Sparkling River.

Sensitive Areas/Receptors

The SR 2Q9T alignment is located at mile marker 27, adjacent to East Creek. The Sparkling River is located half-mile south of the project site (Attachment A). The

Sparkling River is a spawning habitat for steelhead and cutthroat trout. The Sparkling River is used primarily for sport fishing and recreation (the Happy Trails campsite is located approximately 2 miles downstream of the project site). There are no known wellhead protection areas or historic preservation sites located within a 1-mile radius of the project boundaries.

Potential Spill Sources

Potential spill sources at the site include materials and equipment brought on-site, pre-existing site contamination, and potential unknown site condition.

Equipment and Materials Brought On-site

- Equipment staging and maintenance areas (fuel, lubricating oil, and hydraulic oil from drill rig, backhoes, bulldozers, piling drivers, water trucks, pickup trucks, support truck equipment, lighting units, pumps, and generators)
- Fuel staging areas (bulk storage of gasoline and diesel)
- Hazardous material staging (containers of lubricants, fuels, and hydraulic oil)
- Hazardous waste storage (drums of used oil filter, material used to clean and maintain equipment)

Pre-existing Site Conditions

- Existing soil and groundwater contamination (Contaminants include petroleum hydrocarbons, polyaromatic hydrocarbons, semi-volatile organic compounds, and volatile organic compounds.)
- Drums of soil from drill cuttings and **wash water from decontamination of equipment**
- **Containers of decontamination solutions (diesel, turpentine, methanol, hexane, and detergents)**

Unknown Conditions that may be encountered

- Abandoned USTs and underground pipelines may exist at the site. The site is located on or near past fuel oil and gasoline tank farm.
- Contaminated soil and groundwater (not identified in the project plans and specifications) are possible based on past land use.

Contractor Personnel

The AAA Road Construction, Inc. designated person responsible for managing, implementing, and maintaining this SPCC plan is Joe Smith. His designated alternative is John Doe. Project phone numbers are as follows:

- AAA Road Construction, Inc. office (400) 555-7890
- Project site office (400) 555-1234
- Joe Smith, pager (400) 555-1000; cellular (400) 555-2000
- John Doe, pager (400) 555-1001; cellular (400) 555-2001

PROJECT SITE DESCRIPTION

This section identifies the location of items brought on-site (equipment staging and maintenance, fueling, hazardous material staging, and waste storage areas), pre-existing contamination, and potential unknown site conditions relative to the East Creek and Sparkling River.

Items Brought On-site

Equipment staging and maintenance, fuel staging, hazardous material staging, and waste storage areas are located within a secure, fenced area of the former Big Oil Company tank farm site (Attachment A). This area is paved with asphalt.

The Sparkling River is located approximately 500 feet south of the project site. Spills within the fenced area will be collected in the sealed catch basin drains. All catch basins will be monitored daily. The drain seals will be removed and replaced only during rain accumulations.

Table 1 summarizes equipment and materials brought onsite. Maximum quantity and staging are identified for each spill source.

Equipment Staging and Maintenance Area. Heavy equipment (drill rig, backhoes, pile driver, bulldozers, water trucks, support truck, and pickup trucks) and smaller portable equipment (generators, pumps, and light units) will be stored in a secured equipment parking area. All repairs and routine maintenance will be performed in this area.

Fueling Area. The fueling area consists of fuel tanks (three 500-gallon tanks of diesel fuel and one 250-gallon tank of gasoline). Temporary bollards and concrete barriers will be used to prevent heavy equipment from damaging/rupturing these tanks. Spill absorbent pads will be stored in a locker near the fuel tanks.

Hazardous Material Staging Area. Drums (55 gallons) of diesel and gasoline and small containers (up to 10 gallons) of diesel, gasoline, oils, hydraulic fluid, and **decontamination solutions** will be stored on covered (i.e., hooded) spill pallets.

Waste Storage Area. Drums of contaminated soil from drilling will be labeled and stored on spill pallets.

Pre-existing Site Conditions

Soil and groundwater at the site is contaminated with petroleum hydrocarbons, polyaromatic hydrocarbons (PAHs), semi-volatile organic compounds (SVOCs), and volatile organic compounds (VOCs). During sampling activities at the borehole and during trenching, soil contaminated with fuel oil and gasoline will be encountered.

Soil stockpiles may range from 1 to 50 cubic yards. The soil storage stockpile holding area will be in the northwest corner of the project site (Attachment A). The Sparkling River is located approximately 2,000 feet north of the stockpile area. East Creek is located approximately 400 feet west of the stockpile area. A plastic liner will be placed beneath the soil stockpile. The stockpile will be covered with plastic at the end of each workday. The soil stockpile will be bermed with soil or hay bales to prevent migration of contaminants.

**Table 1
Items Brought Onsite**

Equipment Brought On-Site	Quantity	Materials Brought On-Site	Maximum Quantity
Drill rig	1	Gasoline/Diesel (up to 10 gals.)	24 containers
Support truck with steam cleaning unit	1	Turpentine	10 gals.
Backhoes	4	Methanol	5 gals.
Bulldozers	3	Hexane	10 gals.
Pile driver	1	Detergents	5 gals.
Pick-up trucks	10	Lubricating oils	3 @ 55 gal. drums
Gasoline-powered lighting units	20	Hydraulic fluid	2 @ 55 gal. drums
Portable sump pumps	5	Diesel	3 @ 500-gal. tanks
Portable gasoline-powered generators	10	Unleaded gasoline	1 @ 250-gal. tank

Unknown Conditions

Potential spill sources at the SR 2Q9T Alignment project site could include:

- Unknown soil and groundwater contamination
- Underground storage tanks
- Underground pipelines

Based upon the former use of the site, USTs and piping containing fuel oils and gasoline could be encountered. AAA Road Construction, Inc. will carefully review site maps prior to any excavation and drilling activities. If a tank or pipeline is uncovered during site activities, care will be taken to prevent damage, which could result in a release.

Potential spill sources from unknown USTs and pipelines could be located along the project alignment. Critical receptors are the Sparkling River and East Creek

AAA Road Construction, Inc. recognizes that we are not trained in the characterization, management, or disposal of contaminated soils or groundwater encountered at the project site. These activities will be performed by trained specialists.

SPILL PREVENTION AND CONTAINMENT

Spill Prevention Best Management Practices

This section describes spill prevention methods (e.g., Best Management Practices [BMPs]) that will be used for spill sources identified in the Project Site Description section. The BMPs listed were obtained from the Oregon Department of Transportation (ODOT) Pollution Control Plan (PCP).

Equipment Staging and Maintenance (PCP 30, PCP 32)

- Store and maintain equipment in a designated area.
- Reduce the amount of hazardous materials and waste by substituting non-hazardous or less hazardous materials.
- Use secondary containment (drain pan) to catch spills when removing or changing fluids.
- Use proper equipment (pumps, funnels) to transfer fluids.
- Keep spill kits readily accessible.
- Check incoming vehicles for leaking oil and fluids.
- Transfer used fluids and oil filters to waste or recycling drums.
- Inspect equipment routinely for leaks and spills.
- Repair equipment immediately, if necessary.
- Implement a preventative maintenance schedule for equipment and vehicles.

Fueling Area (PCP 31)

- Perform fueling in designated fueling area.
- Do not “top-off” tanks
- Use secondary containment (drain pan) to catch spills.
- Use proper equipment (pumps, funnels) to transfer fluids.
- Keep spill kits readily accessible.
- Inspect fueling areas routinely for leaks and spills.

Hazardous Material Staging Area (PCP 4, PCP 5)

- Reduce the amount of hazardous materials and waste by substituting non-hazardous or less hazardous materials.
- Minimize the quantity of hazardous materials brought on-site.
- Store hazardous materials in a designated area away from storm drains.
- Store hazardous materials in covered containers.

Hazardous Waste Storage Area (PCP 21)

- Use all products before disposing of the container.
- Retain the original product label or MSDS.
- Recycle any useful material (used oil, water-based paint)
- Segregate wastes by waste type.
- Minimize the quantity of hazardous waste generated and stored onsite.
- Arrange for waste disposal before containers are full.
- Dispose of hazardous waste at an approved waste disposal facility.
- Train employees in proper hazardous material and waste management.

Pre-existing Soil and Groundwater Contamination (PCP 22)

- Inspect excavated areas for signs of contaminated soil and groundwater.
- Remove contaminated soil and groundwater promptly.
- Store contaminated soil in a designated area away from storm drains. Line and cover stockpile with plastic and berm with hay bales to prevent migration of liquid.
- Arrange for transport, treatment, and disposal of contaminated soil
- Collect contaminated groundwater in a portable double-wall tank and store in the hazardous materials staging area.

Unknown Conditions

- Investigate historic site use.
- Perform all excavation activities carefully to avoid rupturing an UST or pipeline.

Unknown Soil and Groundwater Contamination

- Stop work and secure area.
- Notify project supervisor and WSDOT project engineer
- Project supervisor and project engineer evaluate situation.
- Contact environmental response contractor to sample and analyze contaminated soil.
- Manage, store, transport, and dispose of soil consistent with regulatory requirements.

Spill Containment Methods

This section identifies the types of secondary containment or diversionary structures that will be used to handle each of spill sources identified in the Project Site Description section.

- **Equipment Staging and Maintenance Area.** An equipment leak from a fuel tank, equipment seal, or hydraulic line will be contained within a spill pad placed beneath potential leak sources. An undetected leak from parked equipment will be contained within the equipment staging area by a temporary berm. All catch basins in this area will be sealed with drain seals.
- **Fueling Area.** A spill during fueling operations will be contained within a spill pallet for small container handling, or secondary containment berms in the bulk fuel storage areas. The transfer of fuel into portable equipment will be performed using a funnel and/or hand pump, and a spill pad used to absorb any incidental spills/drips. A leak of a drum will be repaired with a patch kit. A spill response kit will be located near the fueling area for easy access. The spill response kit will include plastic sheeting, tarps, overpack drums, kitty litter, and shovels.
- **Hazardous Material Staging Area.** A spill from containers or drums in the material staging area will be contained within the hooded spill pallets.
- **Waste Storage Area.** A spill from the waste storage area may release up to 55 gallons of decontamination water. The spill will be contained within the spill pallet.

- **Contaminated Soil.** Contaminated soil encountered during drilling and trenching activities will be contained by constructing a soil berm around the contaminated soil. The soil will be placed on a plastic liner and covered with plastic at the end of each workday. A soil berm or hay bales will be used to contain the stockpile and prevent migration of contaminated liquids.
- **Contaminated Groundwater.** Contaminated groundwater encountered during drilling and trenching will be contained in the trench. A sump pump will be used to transport the groundwater from the trench to a portable double-wall tank. The tank will be stored in the hazardous material staging area prior to transport off-site to an approved treatment facility.

Unknown Potential Spill Sources

- **Unknown soil and groundwater contamination.** Contaminated soil encountered during drilling and trenching will be placed on a plastic liner and contained within a soil berm or with hay bales. The stockpile will be covered with plastic at the end of each workday. A soil berm or hay bales will be used to contain the stockpile and prevent migration of contaminated liquids. Contaminated groundwater will be pumped into a portable double-wall tank and stored in the hazardous material staging area.
- **Underground storage tanks.** All excavation activities will be carefully performed by an experienced backhoe operator. If a leaking underground storage tank is encountered, the leaking material will be contained within the excavation. Our responsible person for the SPCC plan will implement spill response measures as appropriate. **NOTE:** A licensed tanker removal contractor will be hired (as required by regulation) if the underground storage tank will be removed.
- **Underground pipelines.** If a leaking or severed underground pipeline is encountered, the leaking material will be contained within the excavation. Our responsible person for the SPCC plan will implement spill response measures as appropriate. **NOTE:** A licensed tanker removal contractor will be hired (as required by regulation) if the underground pipelines will be removed.

Table 2
Spill Prevention and Containment Methods

Potential Spill Source	Spill Prevention Methods	Spill Containment Methods
Known Site Conditions		
Equipment Staging and Maintenance Area	PCP 30, PCP 32	Spill pad, drain pad, temporary berm, drain seals, spill pallet, containment berm, pumps, funnels
Fueling Area	PCP 31	Spill pad, drain pad, temporary berm, drain seals, spill pallet, containment berm, pumps, funnels
Hazardous Material Staging Area	PCP 4, PCP 5	Spill pad, drain pad, temporary berm, drain seals, spill pallet, containment berm, pumps, funnels
Waste Storage Area	PCP 21	Spill pad, drain pad, temporary berm, drain seals, spill pallet, containment berm, pumps, funnels
Pre-existing Soil Contamination	PCP 22	Plastic liner, plastic cover, soil berm, hay bales
Pre-existing Groundwater Contamination	PCP 1	Double-wall tank
Unknown Site Conditions		
Contaminated Soil	PCP 22	Plastic liner, plastic cover, soil berm, hay bales
Contaminated Groundwater	PCP 1	Double-wall tank
Underground Storage Tanks and Pipelines	Survey area to confirm no USTs or piping is buried in the excavation areas.	Stop work immediately if a tank or pipe is unearthed.

SPILL RESPONSE

Response in the first ten to fifteen minutes is critical to minimize the impacts to human health and the environment and to minimize property damage and cleanup costs.

AAA Road Construction, Inc. will respond immediately to spills of regulated materials. Our personnel and sub-contractors are properly trained to respond to spills. Our standard approach toward spill response is as follows:

1. Assess Hazard

- Stop operations.
- Notify Joe Smith, AAA Road Construction, Inc.
- Determine if the spill is “incidental”
 1. Spilled material is known and definable (MSDS or laboratory results).
 2. AAA Road Construction Inc. has the resources (trained people, equipment, and supplies) onsite to safely and effectively respond to the spill.
- If one or more of the criteria are not met, the spill is not “incidental”. Direct safe evacuation of the area and notify the fire department (911) and emergency response contractor.
- If the spill is incidental, then:
 - Assess the quantity of substance spilled.
 - Assess the extent of the affected area.

2. Secure Spill Response and Personal Protective Equipment

- Secure the area.
- Obtain appropriate spill response equipment and personal protective equipment.

3. Contain and Eliminate Spill Source

- Contain the spill to prevent entry to catch basins, storm drains, or ditches that discharge to East Creek and the Sparkling River.

- Seal or stop the source of the spill by closing valves, providing containment, or deactivating pumps.

Mitigating, Removing, and Disposing of Spilled Material

Only trained personnel will perform spill cleanup activities. The spill response contractor is responsible for cleanup activities as a result of spills or leaks when AAA Road Construction, Inc. does not have the training, equipment, or materials to cleanup spills.

- **Spills Onto the Ground (Soil):**
 - Clean up the spill immediately.
 - Apply absorbent material, berm, divert or contain the spill.
 - Collect spilled material and place into labeled drums.
 - Collect absorbent and other material used to clean up the spill, label the container, and properly dispose of waste at an approved disposal facility.
 - Notify the Department of Ecology Toxics Cleanup Program
 - Decontaminate the affected area, equipment and surfaces that have contacted the spilled material.
 - Restore habitat, if necessary.
- **Spills Into Waterways:**
 - Notify the National Response Center and the State of Washington Emergency Management Division.
 - Notify a spill response contractor, if necessary.
 - Stop the source of the spill immediately.
 - Shut down all equipment and ignition sources in the area.
 - Deploy boom and absorbent to contain the spill.
 - Clean up absorbent and waste materials and dispose of at an approved waste disposal facility.
 - Decontaminate the affected area, equipment and surfaces that have contacted the spilled material.

STANDBY, ON-SITE MATERIAL AND EQUIPMENT

Spill response equipment will be stored in spill response kits. The project site must have at least one spill response kit, but more than one kit may be necessary or warranted. The locations of all spill response kits at the project site are clearly marked and accessible (see Attachment A). The locations will be identified to all personnel prior to beginning work.

Table 3 summarizes the spill response material and equipment designated for each spill source:

- Equipment and maintenance, fueling, hazardous material staging, and hazardous waste storage area.
- Pre-existing contamination areas
- Contaminated soil stockpile

Spill preventative equipment and material are identified in the Spill Prevention and Containment section of this SPCC plan (Table 2).

TABLE 3
Spill Response Equipment Brought On-Site

Equipment	Quantity	Equipment Staging and Maintenance, Fueling, Hazardous Material Staging, and Hazardous Waste Storage Areas	Areas of Known Pre-existing Contamination	Contaminated Soil Stockpiles
Shovel	3	1	1	1
Pumps/Hoses	2	1	1	
Personal Protective Equipment	6	2	2	2
Clean Drums and Containers	10	10		
Labels	50	50		
Decontamination Equipment and Cleaners	5	5		
Spill Pads	10	8	2	
Portable Berms	3	1	1	1
Polyethylene Bags	20	20		
Plastic Sheeting	2			2
Overpack Salvage Drums	10	10		
Sorbent (Kitty Litter)	5	5		
Hay Bales	10			10
Sandbags	5	3	1	1
Catch Basins/Drain Protectors	20	10	5	5
Floating Boom	2			2

REPORTING

The AAA Road Construction, Inc. responsible person for the SPCC plan, Joe Smith, will contact WSDOT project representatives and the regulatory agencies regarding spill response activities. We will work with the WSDOT project manager to ensure the proper information and data is collected and communicated to the appropriate agencies. Table 4 identifies local, state, and federal authorities and private resources that may be used in implementing this SPCC plan.

The reporting requirement for all leaks, spills, and other incidents are as follows:

- Subcontractors will report to AAA Road Construction, Inc.
- The AAA Road Construction, Inc. will report to WSDOT and the regulatory agencies.
- AAA Road Construction, Inc. will prepare and submit the Incident Report (Attachment B) to the WSDOT project manager.

**Table 4
Agency Notification Reference List**

Agency & Responsibilities	Phone Contacts
City of Big Mountain Fire Department <ul style="list-style-type: none"> • Fire fighting • Emergency medical response • Community evacuation 	911
City of Big Mountain Police Department <ul style="list-style-type: none"> • Police authority 	911
City of Big Mountain Public Works Department <ul style="list-style-type: none"> • Information on storm drains and other utilities 	(400) 555-9000
Big Heart Hospital <ul style="list-style-type: none"> • Emergency medical treatment 	(400) 555-2000
Washington State Department of Ecology Toxics Cleanup Program <ul style="list-style-type: none"> • Reporting spills to soil 	(360) 407-7170
National Response Center <ul style="list-style-type: none"> • Reporting spills to water 	(800) 424-8802
Washington State Emergency Management Division <ul style="list-style-type: none"> • Reporting spills to water 	(800) 258-5990
Spill Response Contractor: <ul style="list-style-type: none"> • Emergency spill response 	(800) 555-5000

PROGRAM MANAGEMENT

Site security measures, site inspection procedures, and personnel training related to spill prevention, containment, response, management, and cleanup are outlined below.

Security

Proper site security is important to minimize accidents, trespassing, and potential spills and releases. Equipment staging and maintenance, fueling, hazardous material staging, and waste storage areas for the project are located in a fenced area. The fence and all heavy equipment are locked at the end of each workday. Only authorized personnel are permitted onto the project site.

The master flow and drain valves for all tanks will be securely locked in the closed position when not in operation.

Construction hours are 5 a.m. to 10 p.m. throughout the term of this project. The portable lighting units on site are adequate to allow for the detection and response to any spill scenarios we have recognized in this SPCC plan.

Site Inspections

AAA Road Construction, Inc. will conduct daily inspections of the equipment staging and maintenance, fueling, hazardous material staging, and waste storage areas to ensure that spill control measures are in place. Inspections of the project site for general housekeeping and BMPs will be performed weekly.

Personnel training

AAA Road Construction, Inc. employees will be trained on the contents of this SPCC plan including spill prevention planning, spill source and receptor recognition, spill prevention and containment techniques, spill response measures, and spill reporting protocol.

General Responsibilities for Personnel

All personnel have responsibility for spill prevention. Any AAA Road Construction, Inc. employee who notices a leak will respond as appropriate based on their training, or if a spill has occurred, they will assume a defensive posture by avoiding the area and immediately notifying Joe Smith.

The designated person responsible for assessing spills, managing, implementing, and maintaining this SPCC plan, and contacting regulatory agencies is: Mr. Joe Smith of AAA Road Construction, Inc. His alternate is Mr. John Doe. These individuals have knowledge and training associated with the HAZWOPER First Responder Operations Level [WAC 296-62-3112(b)] requirements.

Local Fire Department. The local fire department is responsible for emergency containment procedures when called to the site. The fire department takes measures necessary to prevent fire and explosion and to protect people and property in the event of a fire or explosion.

Spill Response Contractor. The spill response contractor is responsible for cleanup activities when AAA Road Construction, Inc. does not have the training, equipment, or materials to cleanup spills safely and effectively.

PRE-EXISTING CONTAMINATION

All efforts will be taken to perform the project work without releasing or spreading the existing soil and groundwater contamination. The following measures will be employed:

Excavation and Trenching

All earthwork will be performed carefully to avoid spreading contaminated soil. Once contaminated soil is encountered, it will be placed in haul vehicles and transported to the soil stockpile area. Contaminated groundwater will be pumped into portable double-wall tanks and stored in the waste storage area. Pumps and hoses will be inspected for leaks. If a leak occurs, a drain pan will be used to collect the contaminated groundwater.

Soil Stockpile

The limits of pre-existing soil and groundwater contamination will be staked and flagged prior to construction. Stockpiles of contaminated material will be located within the limits of the construction site (see site plan in Attachment A). The stockpiles will be bermed with soil and hay bales to prevent liquids from migrating. The stockpile will be covered with plastic at the end of each day.

Decontamination Zone

Equipment decontamination will be performed on a decontamination pad at least 20 feet wide and at least 30 feet long. The decontamination pad will be constructed of materials suitable for the containment and collection of decontamination fluids. A sump pump, piping, valves, fittings, controls, and filters will be used to transfer water from the pad to storage tanks. Decontamination liquids will be collected in a portable double-wall tank and stored in the hazardous material staging area prior to transport offsite.

All equipment such as hand tools and other hand-carried items that have been taken into the exclusion zone or have been in contact with contaminated or potentially contaminated soil or water will be washed at the decontamination work pad.

Heavy equipment will be pressure washed using a high-pressure washer and brushes, brooms, and scrapers. The exterior of all heavy equipment exiting the exclusion zone will be completely pressure washed, including undercarriages. Haul vehicles used for transporting contaminated soil will be decontaminated prior to loading the same vehicles with clean backfill material.

ATTACHMENT A
SITE PLAN

ATTACHMENT B

SPILL AND INCIDENT REPORT FORMS

Instructions: Complete for any type of petroleum product or hazardous materials/waste spill or incident. Provide a copy of this report to management.

1. Person Reporting Spill or Incident:

Name		Address	
Organization			
Title			
Telephone			
Fax		Signature	

2. Type of Spill:

Common Name of Spilled Substance	
Quantity Spilled (Estimate)	
Concentration (Estimate)	
Date of Spill	___/___/___

Time Spill Started	___ AM ___ PM	Time Spill Ended	___ AM ___ PM
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3. Location of Spill:

SPILL TO LAND	SPILL TO WATER BODY
Name of Site:	Name of Water Body:
Street Address:	Location of Discharge with Reference to Fixed Point:
City/Town:	Description of Area from which spilled material may reach:
County:	

4. If no spill, describe incident:

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5. Actions taken:

To contain spill or impact of incident:

To clean up spill or recover from incident:

To remove cleanup material:

To prevent reoccurrence:

6. Person responsible for managing termination/ closure of incident or spill:

Name: _____

Phone: _____

Fax: _____